

PUBLIC WORKS ASSEMBLY UPDATE
WORK COMPLETED THROUGH JUNE 2019

Wastewater Treatment Plant (WWTP) Rehabilitation (DESIGN PHASE)

Milestones This Period

- Working on completion of the SCADA design for the bid documents.

Future Milestones

- Complete the bidding documents for an August/September 2019 bid.
- Award construction contract and begin construction of the WWTP rehabilitation project October 2019, assuming sufficient funding is available.
- Anticipated project completion Spring 2021.

Background

The Wastewater Treatment Plant was built in the early 1980's and most of the building systems, especially the HVAC (ventilation air) systems have failed or are past their useful life and require replacement. The air quality within the building is inadequate and corrosive and the exposed piping and metal within the building are corroded. The building's envelope leaks air and does not allow for proper pressurization of the office areas and other clean rooms. Corrosive air in these spaces results in electronics regularly becoming dysfunctional within months, in addition to creating an unhealthy air quality for the WWTP operators. It is the intent of Public Works to move this project forward as quickly as possible as there are life safety issues that need to be addressed in the existing facility. It is anticipated that the current project funding will be insufficient to rehabilitate the building, correct the life safety, code compliance and non-functional existing conditions. The preliminary total project cost is estimated at \$10 million. Funding for this project is provided by the following sources: \$263,000 in Wastewater fund Working Capital and DEC loans for \$2,832,500 and \$1,825,000 (secured) and a third DEC loan of \$5,079,500 (approved and pending signed agreement).

Current Contracts: McCool Carlson Green (design) \$835,584

SMC Transmission Main Break Repair (CONSTRUCTION PHASE)

Milestones This Period

- Ordered materials.
- Negotiated time-and-materials contract with K&E for labor and equipment support.

Future Milestones

- Conduct leak detection on transmission main, July 2019.
- Execute construction contract, July 2019.
- Receive materials, July 2019.
- Repair water main, July-August 2019.

Background

Public Works has discovered a break in the 24-inch water transmission main to town on Sawmill Creek Road (SMC) by the Indian River Bridge. Staff has worked to develop a repair plan and procure materials while developing a new Capital Project in the budget. The Assembly passed Ordinance 2019-28 at the June 25 meeting to establish a

\$400,000 budget for the project. Second reading is scheduled for July 9. In the meantime, Public Works is utilizing operating capital in the Water Fund budget to fund the work.

Current Contracts: Core & Main (materials Purchase Order) \$76,213

O'Connell Lightering Float Pile Replacement (CONSTRUCTION PHASE)

Milestones This Period

- Substantial Completion June 13, 2019
- Install Anodes June 21, 2019
- Physical Completion Inspection June 24, 2019
- Sign project completion sheet for COE permit

Future Milestones

- Project closeout

Background

With lightering traffic reduced due to cruise ships mooring at Old Sitka Dock, and what lightering remains shifting to the Crescent Lightering Facility near Harrigan Centennial Hall, Harbor Staff have found O'Connell to be a popular moorage location for yacht owners. However, the existing piling at the O'Connell Lightering Float were installed too shallow to support yacht moorage as evidenced by several piles being displaced during a storm event. This project will replace all piling at the facility with new rock-socketed piling specifically designed to support large yachts. The Assembly approved an appropriation of \$280,000 from the Harbor Fund Undesignated Working Capital on September 12, 2017, on 2nd reading. This amount was insufficient given regulatory agency feedback and timeframes. An additional \$290,000 appropriation from the Harbor Fund Undesignated Working Capital was approved by the Assembly on March 27, 2018, on 2nd reading.

Current Contracts: PND Engineers (design) \$35,380
Turnagain Marine (construction) \$483,800

Lincoln Street Paving – Harbor Way to Harbor Drive (DESIGN PHASE)

Milestones This Period

- Presented project to the Assembly on June 11, 2019.
- Continued work on design plans and specifications.

Future Milestones

- Bid period: Late July – mid-August 2019.
- Construction anticipated Fall 2019 to Spring 2020.

Background

The project includes replacing non-ADA-compliant curb ramps, failing storm drain, limited curb, gutter and sidewalk and all asphalt pavement on Lincoln Street from approximately Harbor Way to Harbor Drive. Red concrete crosswalks are planned to be bid as an additive alternate. Funding for the project is provided by:

\$1,760,000 – General Fund
 \$105,000 – CPET funding
 \$20,000 – Water Fund
\$20,000 – Sewer Fund
 \$1,905,000 – Total Available Project Funding

Current Contracts: Professional and Technical Services, Inc.	\$394,986
(Lincoln portion of Lincoln & Katlian contract)	
Anderson Land Planning (design)	\$5,000

Katlian Street (DESIGN PHASE)

Milestones This Period

- Preparing construction-slope-storm drain easements and letters to property owners.

Future Milestones

- Finalize easements by August 2019.
- Construction anticipated Spring/Summer 2020.

Background

The project includes replacing non-ADA compliant curb ramps, failing storm drain, and limited curb, gutter and sidewalk and all asphalt pavement on Katlian Street from Halibut Point Road to the MSC. Currently, funding for the project is provided by: Total Available Project Funding: \$747,868 (General Fund).

Current Contracts: Professional and Technical Services, Inc.	\$394,986
(Lincoln & Katlian design projects, combined)	

Knutson Drive Road Repair (INVESTIGATION PHASE)

Milestones This Period

- DOWL conducted preliminary site investigation, June 11, 2019.

Future Milestones

- DOWL geotechnical investigation scheduled for July 10, 2019.

Background

CBS engaged with DOWL in June 2019 to investigate evidence of road failure in two locations on Knutson Drive. The outside edge of the roadway is settling and the guardrail is slowly sinking and falling away from the street. The consultant was hired to study the road failure, potential causes, and evaluate the potential risk of a more significant road failure. DOWL will return in July 2019 to conduct a more thorough geotechnical study, including roadway drilling and sampling, to evaluate subsurface conditions. CBS will be seeking recommendations from DOWL for next steps and remediation options. We have a high level of concern for this situation and we're moving rapidly to identify solutions.

Current Contracts: DOWL	\$47,549.50
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East DeGroff Water, Sewer and Street Repairs (CONSTRUCTION PHASE)

Milestones This Period

- Completed installation of all sewer main and services.
- Completed installation of water main and services.

Future Milestones

- Install approximately 500 linear feet of storm infrastructure between Baranof and SMC by early July 2019.
- Install 750 linear feet of sidewalk, 1,500 linear feet of curb and gutter, and pave DeGroff from Baranof to SMC by July 25, 2019.

Background

The project includes replacement of aging, failing water, sewer and storm drainage infrastructure in DeGroff Street from Hollywood Way to Sawmill Creek Road. The project will replace all pavement, curb, gutter and sidewalk. Scope will also include utility trenching work in Sawmill Creek Road, ahead of an Alaska Department of Transportation project to re-pave SMC in 2019 or 2020. Funding for the project is provided by the following sources: \$2.24 million from FY2015 ADEC Water and Sewer Loans, \$175,000 from the FY17 Water Enterprise Fund and \$45,000 from the FY17 Wastewater Enterprise Fund and \$300,000 from the FY18 General Fund.

Current Contracts:	PND Engineers (design)	\$144,747
	K&E Alaska (construction)	\$2,170,978

Sitka Seaplane Base (SPB) (PLANNING PHASE)

Milestones This Period

- Selected the DOWL consulting team to perform the environmental assessment and the remaining planning activities to be completed before moving the project into the design phase. Still currently negotiating scope of work and the fees for performing the work (following FAA procurement requirements in order to be eligible for AIP grant funding).
- Daily coordination with FAA as we prepare the documents and perform the required activities for the AIP Planning Grant application, which is for completion of the Environmental Assessment and the remaining planning activities.

Future Milestones

- Obtain a signed Letter of Intent stating the commitment and some of the terms and conditions for the CBS purchase of the upland SPB property from DEED at State School Board Meeting 918 & 9/19/19. The deadline for preparation of the document for the SSBM DEED packet is 7/30/19.
- Apply for the first AIP grant, for the remaining required planning activities, including performing an environmental analysis (EA), validating existing information for the masterplan and subsequent studies, updating plans as required, and other planning activities as required, July 25, 2019.

Background

Assembly Resolution supporting the acquisition of the preferred location/land parcel for the Seaplane Base, October 9, 2018. The Assembly approved Supplemental

Appropriations for FY19, Ordinance 2018-49, for the SPB. Finance Dept. submitted project information to FAA by October 31, 2018 – required step in order to be considered to receive any of the \$1 billion AIP Supplemental funding. Improvement or replacement of the seaplane base has been discussed on and off for the past two decades. The Assembly has made it a priority to look into the development of a new seaplane base for the economic development of Sitka, a key component to making this happen is land acquisition. Part of the due diligence that staff is doing for the Assembly is working on what staffing, money, and land acquisition we need for adequate maintenance, operations and reporting. The seaplane base study, which included an Economic Impact Study, showed that property on Japonski Island was the preferred site for the seaplane base. The AIP grants from FAA could help fund planning, design, land acquisition, and construction costs for the new SPB. \$16 million is the estimated Project Cost submitted to FAA for AIP grant funding, which may require (6.25%) matching funds from CBS unless the project wins a grant from the Supplemental AIP funding, which funds 100% without any required match.

Nelson Logging Road Upgrades (CONSTRUCTION PHASE)

Milestones This Period

- Contractor's punch list work is on-going.

Future Milestones.

- Complete Construction Contract Punch List July 2019.
- Project Construction Contract Closeout, July 2019.
- Physical Completion is scheduled for late July 2019.
- DNR Survey information provided to Surveyor to prepare easement plan, July 2019.

Background

The project includes replacing both inadequate bridges, realignment at HPR intersection to raise the road elevation out of the stream floodplain, upgrading Nelson Logging Road to include drainage improvements, resurfacing, pedestrian amenities and widening. Funding for the project is provided by a \$2,343,000 State of Alaska Department of Commerce Community and Economic Development Grant.

Current Contracts:	LEI Engineers & Surveying (design)	\$471,120
	K & E Alaska, Inc (construction)	\$1,544,280

Davidoff Storm Sewer Rehabilitation (CONSTRUCTION PHASE)

Milestones This Period

- Contractor set up stormwater bypass and cleaned "host" pipes planned for slip-lining.
- Received slip-line "carrier" pipe.

Future Milestones

- Remove and replace 70 linear feet of corroding 30" culvert, early July 2019.
- Remove and replace 2 corroding metal storm manholes, early July 2019.

- Rehabilitate 261 linear feet of corroding 36" culvert with fiberglass slip-line pipe, early July 2019.
- Re-pave street excavation, late July 2019.

Background

The project includes rehabilitation and/or replacement of deteriorated storm drain infrastructure including two 30" and two 36" metal culverts and two metal storm structures adjacent to Davidoff Street, between Charteris and HPR. Funding for the project is provided by:

\$350,000 – General Fund FY2018
 \$150,000 – General Fund FY2019
(\$100,000) – transferred to Peterson Street Sewer Rehab project
 \$400,000 – Total Available Project Funding

Current Contracts:	Stephl Engineering (design)	\$37,500
	K&E Alaska, Inc. (construction)	\$289,172

Airport Terminal Improvements (DESIGN PHASE)

Milestones This Period

- Preliminary agreement as to the required design revisions for the TSA Baggage Screening 30% submittal.

Future Milestones

- Revisions will be sent to TSA 7/16/19. It is anticipated the TSA review will take 2-3 weeks and the formal 30% review meeting to occur in Aug. 2019, after the approval of which, the rest of the project design will resume.
- Complete the 35% revisions for the 'rest of the terminal improvements design' & move into the Design Development Phase (65%) where the Improvements will be developed & defined in separate phases for construction & funding.
- ADOT involvement 65%, especially regarding potential FAA AIP funding & Improvement staging.
- Other funding sources for terminal improvements beyond the PFC/Bonding and AIP grant requests are being developed for consideration, including airport terminal user fees and TSA grants for screening/security improvements.
- Phased construction has been delayed to 2020 through 2023 due the Federal Government shutdown at the end of 2018.
- Still awaiting and anticipating the State of Alaska DOT sending the CBS information about the upcoming parking lot management changes and options.

Background

The Airport Terminal Improvement Project is intended to remedy some of the existing critical problems identified in the Airport Terminal Master Plan 2008-2011, including working conditions in the baggage make-up area and TSA baggage screening area, as well as problems with congested passenger queuing, screening, baggage, fish boxes, waiting areas and passenger flow. CBS accepted a TSA design grant in the amount of \$158,569.25 to design specific improvements to the TSA Baggage Screening Area. Other areas impacted by these design changes are ineligible for the TSA design

funding. The Assembly approved moving forward to the 65% Schematic Design Milestone for the preferred concept plan that was presented in the Assembly work-session August 8, 2017. Passenger Facility Charges (PFC) were applied for and approved by ADOT and FAA. Collection of the PFCs began May 1, 2018 and will. The total anticipated revenue collection over the 20-year period of collection is \$6,840,000.00, which is anticipated to finance the \$4,025,000 revenue bond along with its fees and debt service.

The current estimated cost for the project as identified is approximately \$15-million. The current funding plan outlines the following components:

- | | | |
|-------------------------------------|--------------|--------------------------------|
| • Passenger Facility Charge Revenue | \$4,025,000 | Bond in progress |
| • TSA Funding | \$3,397,500 | Unsecured |
| • Eligible AIP Grant Request | \$10,283,954 | Unsecured |
| • Potential User Fees & Airline | TBD | – dependent on securing grants |

Current contracts: MCG Architects (design) \$449,069

Crescent Harbor Float Replacement – Phase I (DESIGN PHASE)

Milestones This Period

- Selected Design-Build Contractor June 12, 2019.
- Issued Notice of Intent to Award Design-Build Contract to Turnagain Marine Construction, June 13, 2019
- Pre-Construction Meeting held June 24, 2019.
- Third party cost estimating contract with Moffat and Nichol executed June 27, 2019.
- Proposed change order with Jacobs to assist in plan review and management of Design-Build contract.

Future Milestones

- Public Meeting scheduled for July 8, 2019.
- Sign Phase I Design Build Contract with Turnagain Marine Construction July 10, 2019.
- Approve design review QA/QC Change Order for Jacobs, July 2019.
- Construction project scheduled Fall 2019 to March 15, 2020.

Background

The physical condition of Crescent Harbor has deteriorated to point where in-house repairs are no longer sufficient to adequately maintain the facility. Harbor Department staff and Public Works Department engineers have determined that the harbor now presents an operational and safety risk due to floats sinking, decay of wooden beams, corrosion of metal fixtures and failure of walk-down ramps to meet ADA accessibility requirements. The project has estimated total cost of \$14,025,000. Of this, the harbor grant will provide \$5,000,000. The Harbor Fund working capital has allocated \$1,000,000 for the project. The remaining \$9,025,000 is planned to be provided with \$8,025,000 in harbor revenue bond proceeds and the use of the Harbor Fund working capital in the amount of \$1,000,000 noted above.

Current Contracts:	Jacobs (project admin)	\$90,090
	Pending Moffatt and Nichol	\$79,948
	Jacobs Change Order (pending)	\$64,440
	Turnagain Phase I Design Build Contract (pending)	\$900,000

Peterson Storm Sewer Rehabilitation (DESIGN PHASE)

Milestones This Period

- Detailed design underway.
- Culvert size and configuration set.
- Existing waterline revisions determined

Future Milestones

- Bid construction project, August 15, 2019.
- Complete construction work, March 13, 2020.

Background

The project includes replacement of deteriorated 60" corrugated metal culvert crossing under Peterson Street, allowing for fish passage. Funding for the project is provided by:

\$150,000 – General Fund FY2019
 (\$50,000) – transferred to Davidoff Street Sewer Rehab project
\$ 60,000 – U.S. Fish and Wildlife Service Fish Passage Program grant
 \$160,000 – Total Available Project Funding

Current Contracts:	DOWL (design)	\$78,072
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Critical Secondary Water Supply (DESIGN PHASE)

Milestones This Period

- Consultant analyzed GPIP stormwater system to determine if there is sufficient capacity to discharge filter plant backwash.
- Received letter from Alaska Department of Environmental Conservation (ADEC), indicating that they will not enter into a Compliance Order By Consent (COBC) with CBS. ADEC had offered to enter into a COBC that would ignore any turbidity violations between the signing of the COBC and the construction of the new filter plant. However, ADEC could not get the Environmental Protection Agency to agree to these terms. The letter is included in the Correspondence section of this Agenda.

Future Milestones

- CBS to request acquisition of GPIP Lot 17 for filter plant construction at July GPIP Board and Assembly meetings.
- Filtration equipment RFP, August 2019
- Solicit construction bids, August 2020.
- Substantial Completion for secondary water source project anticipated in September 2021.

Background

The project is for design and construction of a secondary water source, for when the primary water source – Blue Lake water treated with ultraviolet (UV) radiation – is unavailable. Blue Lake water will not be available when the Electric Department inspects and maintains the penstock providing water from the dam to the power plant. Blue Lake water may also require filtration – not just UV treatment – if turbidity levels continue to exceed regulatory thresholds. Total project cost is estimated at \$18 million. Funding for the project is provided by:

\$150,000 – Working Capital
\$380,000 – transferred from UV Disinfection project Working Capital
\$17,620,000 – Alaska Clean Water Fund loan
\$18,150,000 – Total Available Project Funding

Current Contracts: CRW Engineering Group, L.L.C. (design) \$362,780

Brady, Channel and Eagle Way Lift Station Rehabilitation (DESIGN PHASE)

Milestones This Period

- Issued notice-to-proceed on design project for rehabilitation of three lift stations. Design consultant selected for this project is DOWL.
- Hosted kickoff meeting and site visit with design consultant.

Future Milestones

- Bid period: October to November 2019.
- Construction notice-to-proceed, November 2019.
- Rehabilitate lift station, Winter 2019 - Spring 2020.

Background

Eagle Way Lift Station is responsible for pumping all sewage east of Eagle Way toward the Wastewater Treatment Plant (WWTP). Brady Lift Station is responsible for all sewage north of Brady Street. Channel Lift Station is responsible for an apartment complex and one private residence on Halibut Point Road. All three lift stations require excess maintenance due to corrosion and/or outdated pumping equipment. Project will rehabilitate lift stations, re-using existing infrastructure to the extent feasible. Funding for the project is provided by:

Eagle Way Lift Station

\$250,000 – DCCED grant
\$220,000 – Wastewater Fund Working Capital

Brady Lift Station

\$217,400 – ACWF loan
\$165,000 – Wastewater Fund Working Capital

Channel Lift Station

\$300,000 – ACWF loan (left over from larger, four-lift station loan)
\$100,000 – Wastewater Fund Working Capital
\$1,222,400 – Total Available Project Funding

Current Contracts: DOWL (design)

\$128,930

Bio-solids Municipal Landfill Expansion (PLANNING & DESIGN PHASE)

Milestones This Period

- Submitted COE permit application June 20, 2019.
- 35 – 65% plans submitted for review.

Future Milestones

- Complete civil design plans July 2019.
- COE permit expected, July 2019.
- Bid Construction project, August 2019
- Construction planned to start, Fall 2019.

Background

The project is required because the existing limits of the Bio-Solids Landfill are nearing available storage limits. A COE permit is required to expand the limits of the landfill to the current DEC permit. The project is funded in fiscal year 2018 for \$500,000.00.

Current Contracts: Stantec (design)

\$48,019

Gary Paxton Industrial Park Access Ramp (PLANNING PHASE)

Milestones This Period

- PND has researched boat haul out numbers from other southeast harbors to determine the size of the treatment facility for boat wash down water.

Future Milestones

- Complete change order tasks and scoping study, September 30, 2019.

Background

The project includes planning and design for a multipurpose boat ramp for the Gary Paxton Industrial Park. The ramp is to be associated with the new existing barge ramp constructed adjacent to the Boat Building Lot. Project funding of \$40,000 provided in Gary Paxton Industrial Park Budget. Additional funding approved by Assembly March 3, 2019 for \$21,960 for a total of \$61,960.

Current Contracts: PND Engineers Inc. (design)

\$49,716

Police Station Planning Study (PLANNING PHASE) - 99% complete

Milestones This Period

- Awaiting the results of a Title Search for the existing City/State Building and its adjacent parking lot to include in the final Police Station Planning Study before printing final copies. No Change.

Future Milestones

- Anticipate printing final copies of the report in July 2019.

Background

The Sitka Police Department and Jail occupies one-third of the first floor in the City/State Court/Office Building. The Sitka Police Offices and jail do not meet current industry standards. It is nonfunctional, unsafe, and severely inhibits the effective delivery of police service to Sitka. The City/State Building was built in 1974-76 in partnership with the State of Alaska. The City owns the land including the parking lot and is joint owner with the State of the building. Expenses for maintenance and operations per agreement December 1993, are split 34% CBS and 66% State based on the occupancy remaining within the building. Maintenance of the facility and its building systems, along with replacement of non-functional and obsolete infrastructure, has not kept pace with facility needs. Repairs to the facility to address its deferred maintenance are conservatively estimated to exceed \$1 million. How these costs are to be shared is to be determined, and is complicated by the shared ownership of the facility with the State of Alaska. Given Alaska's current fiscal status, reaching a timely cost-sharing agreement is a point of significant concern.

Current Contracts: Stantec (planning)

\$57,558

MAINTENANCE ACTIVITIES

Streets

- Graded gravel roads and dust control.
- Painted crosswalks and curbs.
- Removed the increase of cigarette butts littered in the downtown area.
- Worked on vegetation control.
- Demolished an increase of construction debris and boats in the landfill.
- Buried approximately 80 yards of bio-solids.
- Assisted Engineering Department at Knutson Drive road repair project.

Central Garage

- 33 repair items, major service on equipment and heavy vehicles and minor service on lawn mowers.
- Fabricated new rack for de-icing and sanding equipment.

Scrapyard

- Shipped out approximately 80 tons of scrap iron.
- Since taking over the scrapyard, CBS has shipped 1,448 tons in one year.

Grounds Maintenance

- Received approval and hired Summer temp crew.
- Special watering for garden beds and ground due to dry weather.
- Seasonal rotation for mowing and maintenance on grounds and athletic fields. Prepared athletic fields for special events/games and completed the following:
 - Removed temporary soccer lines off Moller Turf Field.

- Multiple moves of Upper Moller pitching mound due to special baseball tournaments. Upper Moller turf field maintenance rotation (dragging, pellets, etc).
- Moller Complex – clean up gravel around walkways and parking areas.
- Vilandre Brushing Fence lines and removing Blatchley parking lot weeds
- Keet Gooshi Heen athletic field cut back brush.
- Keet Gooshi Heen parking lot prune bushes and remove weeds.
- Kimsham Complex needs attention on Field D (Kruger) to fill in settling areas.
- Graffiti/Vandalism cleanup and repairs:
 - Vilandre Field Concession stand (1 police report).
 - Keet Gooshi Heen athletic field's concession stand (2 police reports).
 - Kimsham Clubhouse (2 police reports).
 - Crescent restroom facility.
 - Cross Trail four wheeler ruts along trail from Kimsham to High School.
- Signage installed around athletic fields to assist with continued problems involving "dog parks."
- Temporary repairs were made to Crescent Basketball court fencing due to accident. Still waiting for replacement fencing to arrive.
- Materials were supplied at Baranof Warm Springs for storage shed repairs.
- Fire Hall building and grounds additional attention for memorial service.
- Animal Shelter open up vegetation/brushing around animal shelter help with sight lines, parking, and bear concerns.
- Fire pits cleaned out at Pioneer Park.
- Railing on lower deck repaired at Whale Park.
- First season of surplus compost/mulch redistribution for citizen collection was a successful event.
- Working on updates on policy and procedures for training, rotation plans, and work management for next season's crew.

Building Maintenance

COMPLETED:

- Replaced motherboard at City Hall's fire alarm panel.
- Replaced bad ballast and fixtures for Fire Hall's bay lighting.
- Repaired carpets at Fire Hall.
- Relocated evidence lockers from Police Department to Marine Service Center.
- Worked on Marine Service Center's overhead door, emergency egress doors in freezer, and heat elements for proper operation.
- Repaired boiler at Public Service Center and contracted boiler chemical inspections.
- Touched up paint on Harrigan Centennial Hall for interior rooms and exterior ocean side wall to cover graffiti.
- Installed hazardous disposal receptacles for needles in bathrooms at Library.
- Repaired main entrance doors at Library.
- Repaired main entrance doors at Airport but doors are at the end of their lifecycle and should be replaced.

- Replaced shingles to Crescent Harbors Park shelters.

ONGOING:

- Airport luggage cart maintenance.
- City Hall Utility counter demo and installation – electrical contractor work is scheduled for July, finalize cabinet removal, carpet repairs, and IT networking.
- Harrigan Centennial Hall gutter membrane installation – received bid price (funding based off original CIP).
- Library interior LED lighting – issue with restroom corridor fixture, waiting on stock for repairs.
- Marine Service Center asphalt patches around exterior of building, work scheduling in process.
- Marine Service Center interior lighting.
- Marine Service Center condenser – construction bid packet being finalized.
- Police Dept. assist with setting up a painting station and operations reconfiguration.
- Police Dept. patch and painting wall in break room, waiting on FRP wallboard to be completed.
- Police Dept. quote for heat pump option.
- Researching possible security camera options for athletic and recreation facilities.
- Transfer station building project continuation by Sitka High School.
- Senior Center kitchen hood suppression – scheduling work with contractor, August 2019.

MONITORING:

- WWTP boiler circulation pump 1 has leaking flanges (we are going to monitor due to renovations). Pump can be isolated, if needed. We have back up circulation using pump 2.
- WWTP fan unit 2 failed and temporary fan was installed (we will continue to monitor until renovation). Fan unit is for storage area exhaust.
- Harrigan Centennial Hall heating in room 117.
- Harrigan Centennial Hall – tile floor cracking common areas.



THE STATE
of **ALASKA**
GOVERNOR MICHAEL J. DUNLEAVY

Department of Environmental Conservation

DIVISION OF ENVIRONMENTAL HEALTH
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May 17, 2019

Ms. Shilo Williams
Environmental Superintendent
City and Borough of Sitka
100 Lincoln Street
Sitka, AK 99835

Sent by email only.

Dear Ms. Williams,

This letter is in response to the various email correspondence, telephone calls, and meetings between representatives from the Alaska Department of Environmental Conservation (ADEC) and the City & Borough of Sitka (CBS) since my November 5, 2018 letter regarding the CBS's secondary water system needs.

In October 2018, ADEC proposed to enter into an agreement with CBS called a Compliance Order by Consent (COBC) that would suspend action related to the ongoing turbidity exceedances at Blue Lake, without affecting the filtration avoidance approval for this system, and that could also address the criteria and timeline for coming into compliance with treatment at an alternative source such as Sawmill Creek.

ADEC believed the COBC provided CBS and ADEC the greatest flexibility to address the current issues with Blue Lake's upcoming FERC inspection, and also addressed the long-term needs of the community for a reliable secondary source of drinking water. ADEC maintains the belief that having an approved secondary source puts CBS on a path towards being able to provide safe drinking water to its residents and visitors year-round, without constant threats of interruption due to turbidity events, FERC inspections, maintenance of the penstock, or loss of Blue Lake's filtration avoidance waiver. However, since the offer of the COBC, ADEC has been unable to obtain confirmation from EPA that ADEC has the authority to grant relief from the requirement to install filtration if the number of allowed turbidity events is exceeded under the Surface Water Treatment Rule for Blue Lake.

ADEC is aware the CBS Assembly voted to authorize CBS to enter into such an agreement and obtain loans to proceed with construction of a filtration plant at Sawmill Creek as a secondary source. I am committed to continue engaging with EPA to determine if there is regulatory framework available to allow relief from installing filtration at Blue Lake, or utilize enforcement discretion if the allowed number of turbidity events is exceeded before Sawmill Creek is constructed

Ms. Shilo Williams
City and Borough of Sitka

2

May 17, 2019

and has received ADEC's interim approval to operate (currently anticipated between September 2021-2022).

As previously offered, ADEC Drinking Water Program staff are willing to come to Sitka to provide information or answer any questions the CBS Assembly may have.

Sincerely,

A handwritten signature in blue ink, appearing to read "C. Carpenter".

Christina Carpenter
Director

cc: Dan Opalski, Director, Office of Water and Watersheds, US EPA
Cindy Christian, Environmental Program Manager, ADEC Drinking Water Program
Carrie Bohan, Environmental Program Manager, ADEC State Revolving Loan Fund
Representative Jonathan Kreiss-Tomkins, Alaska House of Representatives
Ann Robertson, Legislative Aide, Office of Senator Lisa Murkowski